SONY

KDL-60EX500

Key Features

- Full HD 1080p Resolution
- Motionflow™ 120Hz Technology for Smooth Motion
- BRAVIA Engine™ 2 fully digital video processor
- Ambient Sensor adjusts color based on room light
- LightSensor™ adjusts backlight with room light
- BRAVIA® Sync™ controls compatible devices w/ one remote[1]
- USB port for photos, music & video playback[2]
- 7 HD Inputs (4 HDMI, 2 Component, 1 PC)

Key Technologies

Full HD 1080p Resolution Experience Full HD 1080p picture quality, the highest at-home resolution, and take full advantage of HD sources like a Blu-ray Disc™ Player or PlayStation®3 gaming console via the 16:9 wide screen panel (1920 x 1080).

Motionflow™ 120Hz Technology Experience smooth motion detail and clarity with Motionflow™ 120Hz technology. Motionflow™ 120Hz technology doubles the frame rate from the standard 60 frames per second and applies Image Blur Reduction technology to deliver a crisp, fluid and realistic viewing experience during fast-action scenes.

BRAVIA Engine™ 2 Enjoy sharp, vibrant, life-like images while optimizing color & contrast and significantly reducing noise with the BRAVIA Engine™ 2 fully digital processor.

Ambient Sensor Get a natural looking picture whether you are watching movies late at night or playing video games during the day with an Ambient Sensor that automatically adjusts the picture color based on a room's lighting.

LightSensor™ Technolog Automatically increase or decrease the level of brightness of your TV's backlight based on a room's lighting conditions with the integrated LightSensor™ technology. Dim the lights to watch a movie and the sensor dims the backlight, which also helps reduce unnecessary power consumption.

BRAVIA® Sync™ Capable[1] Conveniently operate and control other BRAVIA® Sync™ compatible devices - including BRAVIA® HDTVs, Blu-ray Disc™ Players, surround sound systems, Handycam® camcorders and Cyber-shot® digital still cameras, all with one remote control.

USB Input[2] Share your photos on the big screen or listen to your favorite music. Simply connect your digital camera, USB-enabled MP3 player, or USB storage device directly to your HDTV's USB input.

7 HD Inputs[3] Get versatile HD connection options with seven HD inputs, including four HDMI™ inputs to connect a Blu-ray Disc™ player, PlayStation®3 gaming console or any other HDMI-capable equipment. Two HD component inputs provide added HD-capable connectivity in addition a PC input (HD-15 pin) lets you use your HDTV as a computer monitor.

Full HD 1080p

Motionflow 120Hz

BRAVIA ENGINE 2

Ambient Sensor

BRAVIA Sync

SONY

KDL-60EX500

Features

General

Closed Captions (CC): Analog, Digital
Finish (Surface Color): PianoBlack
HDMI™ InstaPort: Yes

Display

Backlight Type: CCFL
Display Device: LCD

Video

Video Processing: BRAVIA Engine 2™ Technology
CineMotion® Reverse 3:2 Pulldown Technology: Yes
Wide Mode: Normal, Zoom, Wide Zoom, Full (Full1-2 for PC)
3D Comb Filter: Yes
MPEG Noise Reduction: Yes
Auto Wide: Yes
4:3 Default: Yes
24p True Cinema™ Technology: Yes
Picture Mode: Vivid, Standard, Cinema
Advanced Contrast Enhancer (ACE): Yes
Motionflow™ Technology: 120Hz
Cinema Mode: Yes
Live Color™ Technology: Yes

Audio

Auto SAP: Yes
Auto Mute (on no signal): Yes
Steady Sound® Automatic Volume Control: Yes
Audio Out: Fixed
Stereo System: MTS
Dolby®: Dolby® Digital
Alternate Audio (Digital): Yes
Surround Effect: Cinema, Music, Live Sports, Game
5.1 Channel Audio Out: Yes
Sound Mode: Dynamic, Standard, Clear Voice, Custom
5.1ch Through Out (Handycam): Yes
Clear Voice: Yes
Invisible Speaker (w/Sound Elevation): Yes

Convenience

Channel Jump: Yes
Multiple Language Display: English, French, Spanish
Info Banner: PSIP, XDS
Sleep Timer: Yes
Input Skip: Manual
Channel Surf: Yes
Channel Block (with password): Yes
Edit Channel Labels: Yes
Label Inputs: Yes
ID-1 Detection: Yes
USB Application(s): Photo Viewer (jpeg), Music Player (mp3), Video Player (mpeg1), Video Player (mpeg2 TS)
Theatre Mode (Theatre Button): Yes
Show/Hide Channels: Yes
Auto Shut-off: Yes
BRAVIA® Sync™ : Yes
Parental Control: Yes
BRAVIA® Sync™ Menu Button: Yes (on Remote Control)
On-Screen Display for External Input: Yes
PIP (Picture in Picture): PC Input(HD15/HDMI) & TV Channel/CVBS/(HDMI)/(Component)
Channel Labels: Yes
Program Block: Yes
Short Banner: Yes
Auto Photo Mode: via USB
Picture Adjustments Lock: Yes
White Balance: RGB Gain/Bias
Auto Picture Setting w/HDMI™ : Cinema, Photo, Graphics, Game
Scene Select: Auto, Cinema, Sports, Photo, Music, Game, Graphics, General
Favorites (Simple UI): Yes
Ambient Sensor: Yes
Picture Frame Mode: Yes
Stand Swivel: Yes
Stand Swivel Range: Left 20°/Right 20°
Start Up Sony Logo Display: Yes
USB Player: Yes

Specifications

Display

Viewing Angle (Right/Left): 178(89/89)
Viewing Angle (Up/Down): 178(89/89)
Screen Size (measured diagonally): 60"
Display Resolution: Full HD 1080(1920x1080)
Aspect Ratio: 16:9
Screen Size (cm): 152.5cm

TV System

Tuner (Cable): QAM
Tuner (Terrestrial): ATSC™ / NTSC
Channel Coverage: VHF: 2-13ch
UHF: 14-69ch
CATV (analog): 1-135ch
CATV (digital) : 1-135ch
TV System (Analog): M
Number of Tuners (Analog): 1(Hybrid)
Number of Tuners (Digital): 1(Hybrid)
TV System (Digital): ATSC
Color System: NTSC

Video

Video Signal: 1080/60p (HDMI™ / COMPONENT), 1080/60i, 1080/24p (HDMI™ ONLY), 720/60p, 480/60p, 480/60i

Audio

Audio Power Output: 20W (10W x 2)
Speakers (Total): 2
Speaker Configuration: 2

Inputs and Outputs

Component Video (Y/Pb/Pr) Input(s): 2 (Rear) (1 fixed/1 selectable)
Composite Video Input(s): 2 (1 Side/1 Rear)
Digital Audio Output(s): Optical Digital Output - 1 (Rear)
RF Connection Input(s): 1 (Rear)
Analog Audio Input(s) (Total): 4 (1 Side / 3 Rear)
Audio Out: 1(Rear)
HDMI™ Connection(s) (Total): 4 (2 Side/2 Rear)
PC In (D-Sub) + Audio In (Stereo Mini): 1 (Rear)
USB 2.0: 1(Side)
HDMI™ PC Input: Yes
AC Power Input: 1 (Rear) AC Socket

Power

Power Consumption (in Standby): Less than 0.23W (AC120V), Less than 0.4W (AC240V)
Power Requirements (voltage): AC 120V
Power Requirements (frequency): 60Hz
Power Consumption (in Operation) max.: 425W Max

Regulation and Standard Compliance

VESA® Hole Spacing Compatible: Yes
VESA® Hole Pitch: 400x300 (60")

Service and Warranty Information

Limited Warranty Term: 1 Year Labor / 1 Year Parts

Energy Saving & Efficiency

Power Saving Modes: Yes
Eco Settings: Yes
Dynamic Backlight Control: Yes
Backlight Off Mode: Yes
Estimated Annual Energy Consumption (kWh): 392.0 kWh
Idle TV Standby: Yes
Power Consumption (On Mode) for Energy Star: 213.7W
Power Consumption (Standby Mode) for Energy Star: 0.23W

Recycled & Recyclable Materials

Product Materials: Recycled Plastic
Packaging Materials: Recycled Carton (more than 20%)
Printed Materials: FSC Certified

Dimensions

Weight: 94.8 lbs. (43kg) with pedestal; 80.4 lbs. (36.7kg) without pedestal
Measurements: 57 3/8 x 35 7/8 x 15.25 in (1455 x 910 x 386mm) with pedestal; 57 3/8 x 34 3/8 x 4.75 in (1455 x 873 x 119mm) without pedestal

Supplied Accessories

Remote Control (RM-YD034)
Batteries (Type AAA x2)
AC Power Cord (attached)
Screws (for pedestal (M5X16, 4 screws)
Operating Instructions
Quick Setup Guide
Warranty Card
Table Top Stand (attached)

Optional Accessories

Wallmount Bracket (SU-WL500)

UPC Code: 027242784949

1. Works with other BRAVIA® Sync or Theatre Sync™ labeled home audio/video products when connected via HDMI™ interface
2. USB device must be formatted FAT-32.
3. Limited to resolutions supported by both the PC and the Sony TV. See Sony TV user's manual and PC documentation for supported resolutions.

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